

DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION
ACTIVITY REPORT: Self Initiated Inspection

P039329006

FACILITY: EUP WOOD SHAVINGS INC		SRN / ID: P0393
LOCATION: 16794 S HUGGININ ROAD, KINROSS		DISTRICT: Upper Peninsula
CITY: KINROSS		COUNTY: CHIPPEWA
CONTACT: JAMES PORTICE, VICE PRESIDENT		ACTIVITY DATE: 03/10/2015
STAFF: Ed Lancaster	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Inspection was initiated after request by company for MAERS assistance.		
RESOLVED COMPLAINTS:		

I arrived at EUP Wood Shavings and met with Mr. James Portice to assist him in submitting his 2014 MAERS and conduct a self-initiated inspection.

We began by reviewing the company's production records and the emission factors their consultant suggested they use for their process, which is the production of dried wood shavings for animal bedding.

The shavings are produced from softwood logs which are fed into a planer. Sawdust is produced along with the shavings, the sawdust is separated/screened and used as fuel for the wood-fired burner. During start-up the burner is exhausted directly through its stack. When the burner temperature is high enough the exhaust is diverted to pass through the rotary dryer, used to dry the wood shavings, and then through a cyclone dust collector and out the collector stack. When I arrived at the facility the opacity from the cyclone stack was less than 10% (Special Condition (SC) Nos. I.1 and IV.2).

The AQD has not requested the company to verify their PM, PM10, PM2.5 and VOC emission rates from the dryer to date (SC Nos. I.2-5 and V.1).

As mentioned above, the company is only producing wood shavings from softwood and the sawdust and off-spec shavings are used as fuel for the burner/dryer (SC Nos. II.1 and 2). The company has been able to fine tune their equipment since the last inspection such that they consume only 6 tons of fuel per 10-hour shift compared to the 3.5 tons per hour (high average) reported during my last inspection (SC No. II.3).

The company submitted their Malfunction Abatement Plan (MAP) on March 12, 2013 (SC No. III.1 and 2) and have not needed to modify it since that time.

During the inspection the dryer inlet temperature was at 371 degrees Fahrenheit, the outlet temperature was 174 degrees and the burn chamber was operating at 1,147 degrees (SC No. III.3).

Mr. Portice was able to provide all of the monitoring and recordkeeping requirements in SC Nos. VI.1-4, however, I suggested alternatives to him that may be easier to show compliance.

Based on the company's MAERS submittal, EUP Wood Shavings is currently a minor source of emissions and it is not expected they will have to submit their MAERS in the future.

In addition, the company appears to be in compliance with their permit and the Air Pollution Control Rules.

Ed Lancaster 4/6/15